

- S7 25 (("20.5" "19.5" "18.5" "17.5" "16.5" "15.5" "14.5" "13.5" "12.5" "11.5" "10.5" "9.5" "8.5" "7.5" "6.5" "5.5" "4.5") adj4 (Hz hertz cycle\$)) and "704"/\$.ccls.2006/02/16 09:04 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S29 234 (articulat\$7 near2 (frequenc\$4 range hz hertz cycle band)) and (articulat\$7 near2 (speed rate index frequenc\$4 range hz hertz cycle band)) and (quality or ((power energy amplitude) near2 (articulat\$7 or speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or prompt\$9 or dictat\$7 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or conversation\$6))) 2006/02/16 10:36 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S31 23 (articulat\$7 near4 (hz hertz cycle)) and (articulat\$7 near2 (speed rate index frequenc\$4 range hz hertz cycle band)) and (quality or ((power energy amplitude) near2 (articulat\$7 or speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or prompt\$9 or dictat\$7 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or conversation\$6))) 2006/02/16 11:33 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S35 107 (articulat\$7 near4 (sec seco\$7 msec\$7 ms! hz hertz cycle)) and (articulat\$7 near2 (speed rate modulat\$7 index frequenc\$4 range hz hertz cycle band)) and (quality or ((power energy amplitude) near2 (articulat\$7 or speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or prompt\$9 or dictat\$7 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or conversation\$6))) 2006/02/16 11:42 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S53 131 (lesaout-j\$ hekstra-a\$ malfait-I\$ homayounfar-k\$ berger-j\$).in. and quality 2006/02/16 13:01 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S59 15 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near2 (frequency hz hertz cycle)) and ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near2 (speed rate)) and (quality or ((power energy amplitude) near2 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) or speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or prompt\$9 or dictat\$7 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or conversation\$6))) 2006/02/22 08:11 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S60 70 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near2 (frequency hz hertz cycle)) and ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near2 (speed rate position motion path trajectory)) and (quality or ((power energy amplitude) near2 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) or speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or prompt\$9 or dictat\$7 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or conversation\$6))) 2006/02/22 08:11 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S61 15 (((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near2 (speed rate position motion path trajectory)) near2 (frequency hz hertz cycle)) and (quality or ((power energy amplitude) near2 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) or speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or prompt\$9 or dictat\$7 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or conversation\$6))) 2006/02/22 08:11 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S62 22 (((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near4 (speed rate position motion path trajectory)) near4 (hz hertz cycle)) and (speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or sonic or sound or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6) 2006/02/22 08:11 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S63 56 (((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near4 (speed rate position motion movement mov\$4 path trajectory)) near8 (hz hertz cycle)) and (quality distort\$5) 2006/02/22 08:11 US-

- PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S108 100 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth) near4 (power energy amplitude level)) same (speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7 control\$6) near4 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) 2006/02/23 08:02 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S111 50 ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7) near4 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) and (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 inaudib\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6) near8 (hz hertz cycle) 2006/02/23 08:06 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S112 14 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) with (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 inaudib\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6)) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7 control\$6) near2 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) and (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 inaudib\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6) near8 (hz hertz cycle) 2006/02/23 08:07 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S113 8 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) with (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 inaudib\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6) near8 (hz hertz cycle)) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7 control\$6) near2 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) 2006/02/23 08:08 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S114 11 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) near4 (speed rate position motion movement mov\$4 path trajectory)) near8 (hz hertz cycle)) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7 control\$6) near2 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) and (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6) 2006/02/23 08:10 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S115 37 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) same (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6)) and (((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7 control\$6) near4 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) same (subson\$6 infrason\$6 sub-son\$6 infra-son\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6)) 2006/02/23 08:12 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
- S116 32 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) and (

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EAST search

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(subson\$6 infrason\$6 sub-son\$6 infra-son\$6 subaur\$6 sub-aur\$6 infraaur\$6 infra-aur\$6 subaudib\$6 sub-audib\$6 infraaudib\$6 infra-audib\$6) near4 (power energy amplitude level)) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state describ\$7 control\$6) near4 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) 2006/02/23 08:13

US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S117 34 ((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6 syllable envelope consonant vowel) with (subson\$6 infrason\$6 sub-son\$6 infra-son\$6)) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state descri\$7 control\$6) near2 (quality distort\$5 acceptab\$7 audib\$7 understand\$4 understood intelligib\$6 clearness clarity fidelity trueness truth)) 2006/02/23 08:14 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S120 79 (((articulat\$7 vocal adj trac\$1 tongue lips! mouth speech\$9 or speak\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or verbal\$9 or oral\$9 or dictat\$7 or dialog\$4 or discours\$4 or conversation\$6) near4 (speed rate position motion movement mov\$4 path trajectory)) near8 (hz hertz cycle)) and ((measur\$7 determin\$7 quantif\$7 evaluat\$7 state control\$6) near2 (quality distort\$5 acceptab\$7 audib\$7 intelligib\$6 clearness clarity fidelity trueness truth)) 2006/02/23 08:29 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB